Application No.: 10/716,767

Reply in response to Office Action mailed December 13, 2005

## In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application: Claims 1-26 (Cancelled)

- 27. (New) An elastomeric article comprising: a substrate body including a hydrocarbon-based elastomeric polymeric matrix; a plurality of porous beads having a pore size that ranges from about 0.01 microns to about 0.5 microns, the beads containing a treatment impregnated within said pores, the treatment being time-releasable to an environment; and each of said beads has a surface with at least a vinyl functional group, and said bead is covalently bonded to said elastomeric polymer matrix or a coating thereon.
- 28. (New) The article according to claim 27, wherein said vinyl group is selected from the group consisting of a carbon-carbon vinyl group and an acrylate group.
- 29. (New) The article according to claim 27, wherein said porous bead has a porosity of about 0.1% to about 90% of the entire volume of said bead.
- 30. (New) The article according to claim 29, wherein said porous bead has a porosity of about 20% to about 90% of the entire volume of said bead.
- 31. (New) The article according to claim 27, wherein said porous beads are present in an amount of from about 0.0001 mass % to about 10 mass % of said article.
- 32. (New) The article according to claim 27, wherein said porous beads do not plasticize, dissolve, dissociate, or degrade during formation of said article.
- 33. (New) The article according to claim 27, wherein said porous beads are formed from a material that either has or does not have hydrocyl functionality, but can be surface converted to produce hydroxyl groups on a surface of said beads.
- 34. (New) The article according to claim 27, wherein either a diffusion mechanism or a shearing force mechanism is employed to control timed-release of said treatment.
- 35. (New) The article according to claim 27, wherein said treatment includes a moisturizer, an ointment, a drug, or an emollient.
- 36. (New) The article according to claim 27, wherein said treatment enhances skin-health.

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- 37. (New) The article according to claim 36, wherein said treatement is selected from the group consisting of aloe, vitamin B, lanolin, polyethylene glycol, glycerin, and mineral oil.
- 38. (New) The article according to claim 27, wherein said environment comprises an end user's skin.
- 39. (New) The article according to claim 27, wherein said coating on said elastomer polymer matrix comprises a donning layer.
- 40. (New) The article according to claim 27, wherein said porous beads are present in an amount of about 0.01 mass % to about 80 mass % of said domning layer.
- 41. (New) The article according to claim 27, wherein said porous beads are present on an inside surface.
- 42. (New) An elastomeric article comprising: an elastomeric substrate body having a first surface; and a donning layer overlying said first surface, the donning layer comprising a polymer material containing a plurality of porous beads with a surface having reactive vinyl functional groups, said beads are covalently bonded to either said substrate body or said donning layer by means of a C-C bond.
- 43. (New) The elastomeric article according to claim 42, where said beads contain a time-releasable treatment in a number of pores.
- 44. (New) The elastomeric article according to claim 42, wherein said polymer material comprises a hydrogel.
- 45. (New) The elastomeric article according to claim 42, wherein said elastomeric substrate body has a second surface distal from said donning layer, and said second surface contains a plurality of porous beads covalently attached to said second surface.
- 46. (New) The article according to claim 42, wherein said article is either a glove or a condom.